

GROUND-WATER LEVELS

SOUTHAMPTON COUNTY

364242077121502. Local number, 53B 7.

LOCATION.--Lat 36°42'42", long 77°12'15", Hydrologic Unit 03010201, at Virginia Department of Transportation - Capron Area Headquarters, 50 ft east of State Highway 654 and 2000 ft north of U.S. Highway 58. Owner: U.S. Geological Survey.

AQUIFER.--Brighseat-upper Potomac aquifer of Cretaceous-Paleocene age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 2 in., depth 80.77 ft, screened 75.77 ft to 80.77 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape by USGS personnel.

DATUM.--Elevation of land-surface datum is 95 ft above sea level. Measuring point: Top of casing, 0.82 ft above land-surface datum.

REMARKS.--Well drilled as part of Fall Zone ground-water study.

PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.29 ft below land-surface datum, May 7, 1997; lowest measured, 55.76 ft below land-surface datum, Dec. 22, 1997.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 07	53.29	JUN 11	54.23	JUL 10	54.59	AUG 13	55.11	SEP 17	55.32

WATER YEAR 1997	HIGHEST	53.29	MAY 07, 1997
	LOWEST	55.32	SEP 17, 1997

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	55.64	DEC 22	55.76	FEB 24	55.10	APR 23	54.54	JUL 02	54.63
NOV 20	55.69	JAN 27	55.55	MAR 25	54.84	MAY 27	54.49	SEP 23	55.40

WATER YEAR 1998	HIGHEST	54.49	MAY 27, 1998
	LOWEST	55.76	DEC 22, 1997

